RAILROAD BILLS SHOW WIDE RANGE

One Hundred and Twentytwo Are Now Pending.

ALMOST RIDICULOUS

One Class Restricts Power to Make and Collect Rates-Another Dictates Methods of Operation-A Third Prescribes Duties the Companies Already Perform.

Of the 34,000 bills that Congress has been asked to enact into law at the present session, 122 affect railroads exclusively.

Omitting the "administration bill," this long list of proposed measures covers a wide range, restricting the power to make and collect rates, dictating methods of operation, and in many instances simply requiring railroads to do the precise things they now do of their own free will. An example of this is found in the bills of Senator Burkett, of Nebraska, and Cummins, of Iowa, and Representative Coudrey, of Missouri, requiring the railroads to carry 150 pounds of baggage free for an adult passenger. Most railroads have done this for years. A still more notable example of com-

pelling by law the doing of some thing that is already fully provided for is the bill of Representative Mann, of Illinois, giving the Interstate Commerce Commission power to formulate regulations for the transportation of explosives. One of the most noteworthy achievements of the railroads recently has been the brilliant success of the bureau of explosives organized by the railroads four year in reducing the danger of handling the 5,000 cars containing explosives that are in transit every day somewhere in the United States

Boiler Inspection at Pet Theme.

Boiler inspection seems to be the pel subject among the law-makers this year, no fewer than seven bills on that houses. As all railroads employ large and in all seriousness asked what will beand expensive engineering staffs which come of the "radiant, luxurious, and keep locomotive boilers under continuous and thorough inspection as part of the magnetic whiskers' of Gov. Hughes, that sion of Spain mixed marriages rendered whiskers neither detracted from Mr. Democratic ticket, should be sent to the routine essential to the operation of the made him the "animated feather duster," it impossible to tell a heathen from a Fairbanks' age nor added to his looks. roads, about the only substantial gain when he attires himself in a black robe Christian, so the Spaniards took to shav- And yet, again, shaving is regarded as though having lost Fairbanks' "paintto be effected by the enactment of one of these bills will be the creation of several and sits on the Supreme bench. hundred nice government offices. The This same person says that it is an un-President will have the appointment of written law of the Supreme Court that no

tion of the railroads. free pass to its former vogue. Seven bills have been introduced to give

Confederate veterans to publishers. Favorable to Colleges.

ject pretty fully without waiting for sive appendices. government aid, the value of this scheme, except to the colleges that get the money, is not apparent.

ut taking a rest of sixteen hours.

cars to be equipped with safes, provide for the Federal incorporation of rallclassification by the Interstate Com- Chicago sisters. The Andalusian beauty screeted on various charges. merce Commission, the physical valua- speaks from experience evidently when since the death of his wife, seven years tion of the railroads by the commission, she says that a "kiss without a mustache ago, Sphilling has had nothing to care MAY BUY UNITED RAILWAYS prohibit the transportation of the pro- is like an egg without salt." Ancient for but his mustache, a growth of many ducts of convict labor, and establish a spinsters put the matter in a different years, and his children. Not long ago he commission to investigate labor dislight again. They assert that men who began a search for a wife. He tried his May Order Block Signals.

One of several bills on the subject of

block signals, empowers the Interstate lines by July 1, 1912. Another introduced

of Kansas, is meant to compel railroads the conflict that ensued. "just" claims within ninety days. If they fail to do so the claimant may The question of beards and whiskers add his attorney's fee to his claim. The has always been a more or less tortuous lonely years. claim can be identified.

Compensation for Damages.

all claims to be paid within thirty days. ing the official rules. It is a case of cashof \$10 on each car and locomotive. In lations, England has such that kind in her navy. When Mr. Hugh motives on the railroads of the United Childers was first lord of the admiralty which he was arrested.

vide that rates may not be raised be yacht, to abolish shaving in the navy. that "It used to be taken that a beard fore October 1, 1910, and automatically "There is more bad language," wrote the was a sign of strength in a man. Howpostpone any increase in rates against prince, "made use of during the quarter ever this may have been physically, it is resentative Steenerson, of Minnesota, pro-vides for the appointment of a receiver for converte a religion during strikes. One to operate a railroad during strikes. One since 4 a. m. Perhaps he has been aloft belief that the first steady reaction by Representative Hardy, of Texas, compels railroads to transfer freight to during most of the time, or else he has against beards set in when the Hon another by Representative Graham, of wind. Down at last he comes at six general to Paris. The Parisian beard is Pennsylvania, would compel railroads to bells with his face as hard as iron; a dainty, fragile, perfumed, and delicate, furnish stakes and cross wires for cars bad razor, a small bit of broken looking- and the Gowdy crop of whiskers, brisof lumber. Several others make it un- glass about the size of a half crown, tling from a massive chin, threatened at lawful to charge more for a short haul than for a long haul. Still others restrict the issue of securities, prohibit disclosures regarding shipments, &c.

dent reports under oath, and prohibiwith safety appliances after July 1, 1911, by the President, and are now laws.

Tree Surgery Common.

Tree surgery has become quite a commercial art. Several firms advertise of-

Michigan canners are complaining of the scarcity

WENT IN FOR A REAL GOOD TIME AT CHESAPEAKE BEACH.



Officers of the Employes' Relief Association of the street railway men, which body, to the number of 16,000, spent Thursday at Chesapeake Beach. The outing was a success in every way.

TWO VIEWS ON SUBJECT OF WHISKERS

By RUDOLPH DE ZAPP.

a boiler inspector-general and two as- associate justice may sit on the bench The Interstate Commerce Commission with an outfit of whiskers. An exception

to cripple the opera- sions was a full beard. His associates were shocked, intensely amazed, and ut-

balances. As various colleges, tered over the faces of several members tache and wanted every man in the army tains," gineers have already gone into this sub- be no resentment against these inoffen- same time upholds the exclusive privi-

have been introduced on this subject, class may be placed the girl stu-mustache in the regiment.

mourning for their brains,"

Commerce Commission to order any rail- duestion is not to be that much. A foolish re- mustache must go" is said to have been by Representative Martin, of South lives. "The Venetians wear no beards," learned how much attention had been Dakota, specifies dimensions of jocomotives, cars and distance of structures from track.

were the words uttered by the Venetian showered upon the facial adornment during John's seven years of lonesome Another class of bills deals with freight when asked to ratify a treaty by swear- existence. claims. One by Representative Roden- ing upon his "beard and the beard of the John balked at this condition until he berg, of Illinois, incorporates the freight prophet," the ordinary Moslem form of met a pretty blond from Chicago. Then claims clearing house, which will create oath. "Neither, for that matter, do the he agreed to sacrifice the mustache to several offices with salaries of \$5,000 a baboons," retorted the Turk; whereupon win her. In the course of events John rear. The incumbents of less desirable the Venetian tore up the treaty and tarted to a barber shop to fulfill his but more numerous places are to adjust freight claims by shippers promptly. strode out of the room. Some 30,000 Chris- agreement. Away from the cheerful Another bill by Representative Madison, tians and more than 120,000 Turks fell in presence and sunny smile of his pretty

test by which a "just" one in the navy of Great Britain and States, so that this tax would amount to he attempted, at the suggestion of Prince Various bills in House and Senate pro-

Meavily." The transportation of misbranded in- The old officers of the service opposed publican that he is, Mr. Gowdy had to secticides, provision for monthly acci- the proposed change as if the safety of succumb to the force of public opinion, the country depended upon it. Mr. Chil- and when at a consular ball a baretion of the hauling of cars not equipped ders submitted the matter to the Queen, necked lady with whom our Parisian with safety appliances after July 1, 1911, have passed both Houses, been signed by the President, and are now laws.

of the affair. Her own personal feeling, that his whiskers were tickling her the she wrote, would be for the beards with- whiskers were ruthlessly sacrificed. out the mustaches, as the latter have rather a soldierly-like appearance; but thrill that went over the country when then the object in view would not be ob- the first photograph of the beardless fering their services to preserve valuable tained-to prevent the necessity of shav- Gowdy came back to the Gowdys' native trees stopping the progress of rot, cover- ing. Therefore, it had better be as pro- shore. There was a rush to follow the ing up unsightly storm scars and posed—the entire beard, only it should be new fashion, and for a time in Indiana strengthening trees which have been kept short and very clean. On no active control of the trade of barber threatened to becount should mustaches be allowed with- come more profitable even than author out beards; that must be clearly under- ship. stood.

The views of a clergyman on mustaches Vice President Fairbanks sacrificed his tirely unraveled. What's the matter with Some evil-minded person recently brand. are equally interesting. "The mustache paint-brush whiskers in Japan.

Justice Harlan and one of his colleagues took the newcomer aside, it is alleged, and diplomatically informed him that it and diplomatically informed him that it was unbecoming a mere justice to display pulsory mustache order dates from be- Russia. fore 1848, and its author was Count Gyu-

One of these bills, introduced by Repre- have put their feet down on mustaches, question of whiskers is nothing to laugh country? sentative Murphy, of Missouri, imposes |-figuratively speaking, of course. They over. But we don't have to go far to don, the physical valua- speaks from experience evidently when | Since the death of his wife, seven years

was deluged with responses from lone-It is quite evident that the whiskers some widows and lovelorn maids from question is not to be trifled with. His- various sections of the country. "The mark about beards and somebody's bad the decree of each applicant for the title P. P. & W. Company Thought to temper caused the loss of thousands of of "Mrs. John Sphilling" when each

blond fiancee his thoughts returned to his mustache, upon which he had showered so much care and attention during long.

Then, it is charged, his thoughts led France. Just at this writing the French him away from the barber shop into a minister of marine is troubled in his soul saloon, probably to drown the sorrow A bill by Representative Sabath, of about a certain quartermaster, I am in-Illinois, provides for Federal compensa- formed, who refuses to sacrifice a beard John returned home the mustache still tion for deaths and injuries on railroads, fourteen inches in length, thereby defyately and John was confronted by more Funds are to be raised by levying a tax liering the offender or amending the regulonely years with his mustache and chilof \$10 on each car and locomotive. In lations. England had some trouble of dren. At this he became enraged and

Said a sacrilegious observer recently A bill by Rep- of an hour devoted to shaving than dur- no longer true politically. Sons of Inwharves on rivers and lakes, while teen on the lookout, steaming head to John K. Gowdy was sent as our consul very often a wet deck to stand on, the first to create international complications. Petit Cri cartooned them. Stanch Re-

"Many of us can remember yet the

To this should be added that former

topic having been introduced in the two ed Hughes' sanctified whiskers "illegal" has a religious significance," said a cleryou see, in company with the nose, a felt inclined to give vent to their feelings if John W. Kern, of Indiana the erstcross. In the time of the Moslem inva- by saying that the amputation of his while candidate for Vice President on the

ing all the face but the upper lip. Thus a sin by others. One of the severest brush" whiskers representation in that every Christian countenance bore a cross sects of Old Believers in Russia recently august body, will again be most satis--a cross part flesh and part hair. From issued a manifesto directed against the factorily represented by those of Mr. more extensive scale than that by imits religious significance the mustache "noxious evil" of shaving and cutting the Kern. has come to have an elegant significance beard. This heretical custom has, it is Peter the Great of Russia put the uncan appoint the 300 local inspectors was made of Morrison R. Waite, as Chief claim their faith, but to magnify their ers during the last thirty years. Shorn cal use, and when he needed money put beauty. Its source, however is in Chris. beauty. Its source, however, is in Chris- men and men with clipped beards a tax on whiskers, as did Henry VIII of only one grew before. vice. Incidentally, the inspectors by exercising their right to withdraw locomoercising their right to withdraw loc tives from service at any time for tests Gov. Hughes will succeed, came into and inspection would have it in their office one of his most cherished possesconscious that they are living in a state | could raise almost anything else, couldn't of habitual deadly sin. To make them by any sort of coaxing induce a hair to Mustaches have been made compulsory realize the abominable nature of their grow on his chin. Bewhiskered Spain Enjoying equal popularity with the boiler inspection idea is the attempt to reer or the free ress to its former years. the temperature, and the very next day fallen into disuse, has been revived by he is to be told that the church will not short time whiskers almost wholly discertain privileged classes the right to Justice Harlan and one of his colleagues a rescript from the war ministry, acting, provide a grand wedding, with singing appeared from Spain. ride free. These range all the way from took the newcomer aside, it is said, on the personal wish of Em- and ceremonies, unless he repents. That In France, Francis I grew a beard to

giving certain colleges \$50,000 to use in The following day Justice Brewer ap- lai, the successor of the famous Radetz- In these degenerate days "whiskers" the crop of "Kossuth whiskers" which determining the hammer blow, centripeared on the bench clean-shaven. There ky in the war with the Italian states, are a reproach and byword, a subject of followed the visit of the great Hungarian determining the hammer blow, centri- peared on the beat of the great Hungarian fugal lift and tangential throw of are mustaches and other such trifles scat- who himself possessed an immense mus- ribald song, mocked at as "lace cur- patriot to the United States some sixty" "weeping willows." railroad companies and mechanical ensame time upholds the exclusive privilege enjoyed by the Windischgraetz regidetestable descriptives, or, pather, nonor wrong seems to be as far from settlethe bacteria upon the roots impregnate
or wrong seems to be as far from settlethe bacteria upon the roots impregnate
or wrong seems to be as far from settlement of dragoons, which distinguished descriptive terms. But let it not be for- ment as ever. It takes all kinds of people to make a itself in the battle of Kolin, where Fred- gotten that 'whiskers' have an ancient world, and there are some who admire crick the Great was defeated in 1757, in and honorable history, and for that mat-Still another proposed measure is one while there are others who take a memory of which they were allowed to ter a most modern history. Who does not providing for "full crews." Four bills different view. Among this latter shave. Since then there has not been a vividly remember the importance of the Bankers Say Prosperity Depends on whisker crop when, not many years ago, and four more limiting the hours that a dents at the University of Chicago, who It will be seen from all this that this the tidal wave of Populism swept the

Were not human duplicates of Michelpenalty of \$200 for permitting any em- have decided not only to boycott "the look for history made by mustaches, angelo's great statue of Moses almost as ploye to work more than eight hours person" who indulges in a mustache, but Because he loved his mustache too well, frequent as the bearded wheat in the they will not under any circumstances John Sphilling, of Sharpsburg, Pa., for fields? And be it said that although Other proposed laws require sleeping whatever become engaged to a bewhis- seven years a lonesome widower, has they failed to make Pefferian whiskers sacrificed all chances for immediate re- popular, they left strands in the machinroads, the preparation of uniform freight Spanish ladies do not agree with their turn to marital bliss and incidentally was ery of politics that have never been en-

Street Car Lines and Gas.

Have Plans for Control of Public Utilities.

ported deal for the sale of control of As one goes north, this trouble grows harmful to the bacteria. the United Railways and Electric Com- more serious, for the closed season is pany to the Pennsylvania Power and much longer and the frost penetrates with that corporation

ways and Electric Company deny that an by the use of a machine which has been offer has been made for the purchase The magnitude of such a deal may be

bring under a single control companies ice that deal the Pennsylvania Power

and Water Company is said to have inreased its holdings of Gas 'stock through purchases in the open market. a little more than \$6,000,000 par value. There are 300,000 shares of United Rall-ways and Electric common stock out-standing of a par value of \$50 a share. It is quoted at about \$14 a share, or a total of \$4,200,000 for the entire issue. It s not believed that a majority of the shares could be purchased at this figure, open market, as 75 per cent of the stock vested with a voting trust of of Alexander Brown, Frank A. Furst, and pursuits had risen to 4,598,986 H. Crawford Black. This trust expires

The idea in financial circles is that n offer less than \$20 a share would be considered, and many are inclined to believe that control could not be purchased for less than \$25 a share. Say the Pennsyl vania Power and Water interests acquire 51 per cent, or about 153,000 shares, of United Railways stock at \$20, the total amount involved would be \$3,060,000. If uld be \$25, the consideration would be \$3,825,000.

The Pennsylvania Power and Water Company was financed by English and Canadian capitalists, and is said to have behind it some of the wealthiest indi-Men identified with the General Electric Company, which is controlled by J. P. Morgan and associates and Standard Oil people, are said to be interested.

"Joe Cannon's whiskers," Senator Car-Senate the great State of Indiana, al-

Frenchman grew one likewise. Many danger the soil the same as any other by a supervisor and a corps of teachers. doubtless are yet living who remember plant by taking the free nitrogen out of in connection with the community hall "lilacs." years ago. Judging from these trials and plowing it under the decay of the books and journals deali vegetable mold, enriches the soil, and branches of the industry.

OUTLOOK IS HOPEFUL.

Condition of Crops. The outlook for business and produc-

tion for the balance of the year contains about an equal number of encouraging and unfavorable prospects.

The principal bankers of the country, though their views naturally vary considerably, are disposed to adopt an at-

But the underlying sentiment is on the whole optimistic, and should the weather continue reasonably conducive to wear mustaches "put their upper lips in luck through the matrimonial papers and Big Deal in Baltimore Involves growth of strong cereal crops the other factors will be regarded as of secondary importance.

DO NOT STOP FOR FROST.

Machine for Excavating Cuts Out Frozen Earth in Blocks.

Building operations requiring excava tion are greatly interfered with in this climate by reason of the fact that digging Baltimore, June 25.-The financial dis- in the frozen ground is so difficult that rict expects developments in the re- the work is rendered most expensive. The larger interests in the United Rail- Winnipeg, Canada, without interruption invented by William Hurst, an engineer. tached to the head of a chisel bar. The

broken off by the machine, these being oculated seed, as the nodule bacterize loaded into wagons or cars for the removal or placed at the side of the street | been treated with the pure cultures and through purchases in the open market, and its investment to-day is estimated at a little more than \$5.000.000 per value.

It is also possible to the engine and bolier thoroughly mix the pure culture with a little more than \$5.000.000 per value. used for operating the chisel bar and considerable quantity of soil, preferably hammer. The cost of excavating by the from the field where the legume is to labor.

> Women Take to Farming. In 1895, there were 2,758,154 woman agricultural laborers in Germany. In 1907, osed the number of women engaged in such

> > Melon Movement Late. The movement of watermelons and cantaloupes from Georgia will begin two the crop will be short. Drought has al-

Frequent transplanting tends to make a plant more A torrid wave scorched the grapes in California last

It is rumored that cantaloupe growers in California and Florida would like 40 meet the weather man some dark night among the redwoods or pines.

School expenditures, as analyzed by the Southern Commercial Coppress, are shown to have increased \$10,000,000 between the years 1907 and 1908. The total educational expense in the Southern States for

thern States for the last-mentioned year was \$62,945,359.

VACCINATE SOILS AND GROWING CROP

Benefit Farmer.

TRANSFER BACTERIA IN SOIL IT WILL TEACH AGRICULTURE

Microscopie Life Develops Nodules Arrangements Under Way to Estabon Roots of Plants, Which Render lish Model Institution Near Spo-Free Nitrogen in Air Available for Growth-Two Methods Employed to Accomplish Result.

makes the subject immune from small- Spokane, early in 1911. pox over a period supposed to be seven David Brown, of Spokane, chairman of

on the ground of its inefficacy to ward velt will attend the conference and asoff smallpox, or on the ground that it is sist in formulating a practical plan for dangerous, because of the possibility of the betterment of life on the farm, along transmission of tuberculosis or some the lines suggested in the report of the other contagion. Recently something of Roosevelt Commission on Country Life, a furor has been raised by medical of the larger farming districts of the men and reformers against the so-called United States the latter part of 1908 and ruelty and barbarism of compelling vac- early in 1909. cination by law as a condition preninary to a child entering the public How Contagion Spreads,

Most persons are familiar, to some exwith people suffering from measles, scareases. At least, they are familiar with the fact that by such contact these disses are contracted from one person to duction of various toxins into the hutheria or yellow fever.

But it has been left to the Department of Agriculture to extend the process of inoculation, so as to include big fields, fields, crops, and soils, it is no such delicate operation as scratching the skin of the human arm or the insertion of a tricts in which they live needle into the muscles of the back Agricultural experts do not even treat the corn stalks or the clover stems or the branches of the cow pea and the soy pregnating the soil of a whole field with bacteria, and spreading broadcast a pesti-

Work on Roots of Plants.

the roots of these plants, which have the power of rendering the free nitrogen of the air available for plant growth. This is another way of saying that it is neces-Through the disease engen- will be a bureau of infor dered by the work of the bacteria upon ing all the available data of Federal and the roots, the supply of nitrogen comes State departments of agriculture and from the air to supply the plant growth, experimental stations in the country, also

In some regions of the country, these multiply them; that is to inoculate the soil of a filled or a whole farm with the bacteria so as to make it fruitful The process is carried on by two methods -soil transfer, by which the bacteria are cultures of the bacteria desired.

Kind Produces Kind. Another interesting fact worked out by the department is that each species of There is legumes may be inoculated better from an absence of extreme opinions, either that species than by using bacteria isoplied to another crop of red clover, will have little beneficial action when applied to cow peas or soy beans.

The soil transfer method consists in

scattering over the new ground, at the rate of 200 or 300 pounds to the acre, soil either from a healthy old field of the same crop or from a new field of the same crop that shows abundance of no dules on the roots. To facilitate even scattering the inoculated soil should be thoroughly mixed with several times its weight of ordinary soil, and may be either drilled or broadcasted.

If the soil is breadcasted it should be this should be done toward evening or on a cloudy day, as bright sunshine is very

Pure Culture Method.

The method of inoculation by pure cul Water Company, or interests identified deeper. During the last winter excavating operations have been going on in the type of pure culture which may be used. Generally speaking, however, a bottle of pure culture of the proper kind of a majority of the company's stock, or a pile driver, or to the rock-breaking ma- seed is to be planted, and the culture The machine is in principle similar to of bacteria is opened shortly before the that any negotiations are pending, but chines used in submarine excavation. A mixed with the proper quantity of water they do not deny that such a deal is frame mounted on a platform carries a and applied to the seed in such a way set of leads for a hammer or ram atimagined when it is stated that it would hammer is raised about fifteen feet and though not soaked. The seed should be released, the force of the blow causing planted as soon as practicable after this the chisel to penetrate the frozen earth treatment; that is, as soon as it is suffiwith a combined capitalization of more and break it away in large blocks. The ciently dry for convenient handling. Drythan \$135,000,000. The Pennsylvania Power leads have a normalization of the supporting frame.

Attached to the platform is a derrick which the leguminous crop is to be Attached to the platform is a derrick which the leguminous crop is to be accurate to the supporting frame. often die out rapidly after the seed has trench work. The platform is dried. Inoculated seed should never be use of this machine is said to have been be sown. The treated soil can then be reduced one-third as compared with hand distributed in the same manner as when oculating by the use of soil from an old The advantages of artificial cultures

lie in the greater ease of their transpor tation and application as well as in the absence of the danger of introducing harmful weeds or plant diseases, although this method of inoculation, esnecially in the case of alfalfa, is less certain than the soil transfer method.

Mexican Zine Hit Hard. Owing to the fact that several well-

producing zinc mines have been put in operation in Australia as well as in Spain, the zinc market in Northern Mexico is in a deplorable condition Buyers have been informed by their European correspondents that no prices can be made at present. One of Australian mines alone produced over 40,000 tons of speiter last year. The out ook for the zinc mines in Mexico will remain uncertain until the eatches up with the supply. In the meantime zinc should decline considerably.

Some fancy grape fruit received in New York la week from Porto Rico sold for \$8.37%.

WILL FOLLOW OUT ROOSEVELT PLAN

How Inoculation Is Used to Washington State to Start Community School.

kane-Will Serve Rural District Ten Miles Square-Road Building a Feature-Plan in Detail.

Most persons are familiar with vacci- When the country life commission of nation as a preventive of the spread of the State of Washington appointed by smallpox. Well-regulated communities Gov. M. E. Hay meets in Spokane on generally insist upon the school child November 14, plans will be presented for being able to show at least one scar made a model community center and consoliby the process of inserting cowpox into dated country school, to be established the system to produce a varioloid that in one of the rural districts adjoining

the commission, announces that Gov. Many do not believe in the practice Hay and possibly Col. Theodore Roose-

Is the Initial Step.

This is to be the preliminary step of a nation-wide movement, co-operative with the various States and Territories, tent, with inoculation due to contact in an endeavor to teach the youth of the land the fundamental principles of let fever, and other transmittable dis- agriculture and domestic economy and manual and industrial training, also giving the farmers the benefit of the most approved methods of agriculture and allied subjects. The community center is designed to furnish a place where men and women can meet for the interchange of ideas.

Primarily, the school is for the average boy and girl whose institutional education ends even before they finish the secondary school, the purpose being to train them to become useful men and women, capable of supporting themselves, and thus adding to the production of the country and the dis-

Plans Community Center,

The Washington commission has prepared tentative plans for a community center, including a consolfdated rural school. It is designed to cover ten acres and will serve a school area of thirtysix square miles, the most distant point lence of microscopic life which attacks the roots of the growing plants and being three miles, the most distant point being three miles. In addition to the makes two blades of grass grow where school building the plans show a large community hall, residence for the principal and supervisor, athletic and play-Work on Roots of Plants.

It has been learned that the value of tanks for domestic, lawn, irrigation, egumes as soil renovators is due to cer- stock and fire uses and plots for the tain bacteria which develop nodules upon practice of agriculture, horticulture, floriculture and forestry. Surrounding and bisecting the tracts will be models of

good road building.

The school and other buildings will be under the direction of a principal, trained oks and journals dealing with all the

Grounds Will Be Parked.

The community center is to be made beautiful with trees, shrubs, flowers, and bacteria either do not exist or are few, lawns without being ornate, and no and the department has found out a way saloon, store or other commercial institution can be located within half a mile of its boundaries. The teachers will be men and women of ability and able to adapt themselves to the ideals of the carried in the soil, and the use of pure center and school of the type outlined. Among other qualifications they must be broadminded and optimistic and able to see the human side of life, also be helpful to those under their charge.

The keynote is that the best defense against misfortune is to give every child in the country such education that will imistic or optimistic; they agree that lated from some other species. As an enable it to make its own living on a the present is not a time for embarking illustration: the red clover bacteria that piece of land, if necessary, when it becomes of age. It is also purposed to launch a campaign urging the people of merely with the view to forwarding their with those who are organized, but to develop themselves and establish an effective community spirit.

Similar to Graded School,

The consolidated rural school will be similar to the graded city institution, the betterment of the curriculum being by emphasizing industrial and manual training and domestic science and adding such other studies as will give the students a knowledge of things with which they come into contact in actual life and presenting means of working out the chief studies in practice. It is also purposed to teach the students the princiagriculture as the greatest of all industries will be constantly kept at the fore.

The executive committees of the Master Car Builders' and Master Mechanics' associations and the Railway Supply Manufacturers' Association have just received a formal proposition from the usiness interests of Saratoga, N. Y., conventions and exhibits to that village but to the holding of future conventions at that place. The president of the United States Hotel Company and the president of the village of Saratoga, pre-

Overproduction in Iron.

The pig iron situation may be epitomized in the following sentence: Heavy melting, large shipments, liberal buying, and excessive production. The latter is the most significant, as it means fore the market can be restored to nor-

Rain Scarce in Argentina.

Argentina, in South America, is just recovering from a prolonged drought. The same conditions have affected several sections of Europe and some West Indian islands during the past few If drought statistics lected from the whole world, it would probably be found that the precipitation on the surface of the globe has been well below the normal in recent months

Dry Air Supplants Ice.

The Linley, the "dry air," and other processes recently invented have made it possible to send meats from Australia and South America to the London marcondition, perfectly sweet and fresh. Soon it will be entirely feasible to send beef, and other meats around the world with no more risk to their edible qualities than there is in the case of grain.

The Southward swing of commerce is shown by the fact that between 1899 and 1909 Mexican border ports increased 250 per cent; Gulf and South Atlantic ports together, 27 per cent; Pacific ports, 87 per cent, and North Atlantic ports, 69 per cent.